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<u>Moya Kinnealey</u>	<u>Moya Kinnealey</u>
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Roy A. Gravel et al.	Art Unit:	1652
Serial No.:	09/371,347	Examiner:	D. Steadman
Filed:	August 10, 1999	Customer No.:	21559
Title:	HUMAN METHIONINE SYNTHASE REDUCTASE: CLONING, AND METHODS FOR EVALUATING RISK OF NEURAL TUBE DEFECTS, CARDIOVASCULAR DISEASE, AND CANCER		

Assistant Commissioner for Patents
Washington, D.C. 20231

REPLY TO OFFICE ACTION

In reply to the Office Action mailed November 16, 2001, applicants submit the following amendments and remarks.

Kindly amend the application as follows.

In the Claims

Replace claims 3, 36-38, and 41-43 with the following amended claims that have been re-written in clean form.

3. (Amended) The nucleic acid of claim 1, wherein said nucleic acid has the